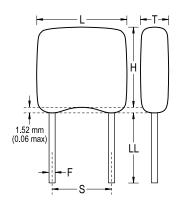
## KEMET Part Number: C320C182JDG5TA



GoldMax 300 Comm C0G HV, Ceramic, 1800 pF, 5%, 1000 VDC, C0G, GoldMax, Commercial Standard, Lead Spacing = 2.54mm



| Dimensions |                      |  |
|------------|----------------------|--|
| L          | 5.08mm MAX           |  |
| Н          | 5.84mm MAX           |  |
| Т          | 3.81mm MAX           |  |
| S          | 2.54mm +/-0.78mm     |  |
| LL         | 7mm MIN              |  |
| F          | 0.51mm +0.1/-0.025mm |  |

| Packaging Specifications |           |  |
|--------------------------|-----------|--|
| Packaging:               | Bulk, Bag |  |
| Packaging Quantity:      | 500       |  |

| General Information |                              |  |
|---------------------|------------------------------|--|
| Supplier:           | KEMET                        |  |
| Series:             | GoldMax 300 Comm C0G HV      |  |
| Style:              | Radial                       |  |
| Description:        | GoldMax, Commercial Standard |  |
| RoHS:               | Yes                          |  |
| Termination:        | Tin                          |  |
| Failure Rate:       | N/A                          |  |
| Halogen Free:       | Yes                          |  |

| Specifications                      |                     |  |
|-------------------------------------|---------------------|--|
| Capacitance:                        | 1800 pF             |  |
| Capacitance Tolerance:              | 5%                  |  |
| Voltage DC:                         | 1000 VDC            |  |
| Dielectric Withstanding<br>Voltage: | 1,200 V             |  |
| Temperature Range:                  | -55/+125C           |  |
| Temperature Coefficient:            | COG                 |  |
| Dissipation Factor:                 | 0.10% 25C           |  |
| Aging Rate:                         | 0% Loss/Decade Hour |  |
| Insulation Resistance:              | 100 GOhms           |  |

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